Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An audio device comprising:

~~means for input by the user of said audio device of~~ a receiving unit configured to receive an analog speech signal representing a spoken message,

a converter ~~for converting~~ configured to convert ~~said~~the analog speech signal into a digital speech signal comprising at least one speech signal fundamental frequency,

~~means for storing~~ a storage unit configured to store a set of coded data representing a musical score comprising a set of notes, each note being defined by a note fundamental frequency, a duration, and an instrument that plays ~~said~~the note,

~~means for~~ an extracting unit configured to extract a digital music signal from ~~said~~the set of coded data, and

~~means for mixing~~ a mixer configured to combine a first portion of ~~said~~the digital speech signal and a first portion of ~~said~~the digital music signal to produce a ~~digital sung signal~~combined digital signal.

2. (Currently Amended) The audio device claimed in claim 1 further comprising a digital signal processor comprising ~~said~~the ~~means for mixing said first portions of said digital speech signal and said digital music signal~~ mixer.

3. (Currently Amended) The audio device claimed in claim 1 wherein ~~said~~the ~~means for mixing said first portions of said digital speech signal and said digital music signal comprise means for replacing~~ mixer is further configured to replace the fundamental frequency of ~~said~~the speech signal by the fundamental frequency associated with a note of ~~said~~the music signal.

4. (Currently Amended) The audio device claimed in claim 3 wherein ~~said~~the fundamental frequency of ~~said~~the speech signal is replaced by ~~said~~the fundamental frequency associated with ~~said~~the note of ~~said~~the music signal during a period substantially equal to the duration of ~~said~~the note.

5. (Currently Amended) The audio device claimed in claim 1 further comprising ~~means for adding~~ a signal summing unit configured to add to ~~said~~the combined digital ~~sung~~ signal a second portion of ~~said~~the digital speech signal.

6. (Currently Amended) The audio device claimed in claim 1 further comprising ~~means for adding~~ a signal summing unit configured to add to ~~said~~the combined digital ~~sung~~ signal a second portion of ~~said~~the digital music signal.

7. (Currently Amended) The audio device claimed in claim 1 wherein ~~said~~the ~~means for mixing said first portions of said digital speech signal and said digital music signal comprise means for replacing~~ mixer is further configured to replace at least one harmonic frequency of ~~said~~the fundamental frequency of ~~said~~the speech signal with a harmonic frequency of ~~said~~the fundamental frequency associated with a note of ~~said~~the musical signal.

8. (Currently Amended) The audio device claimed in claim 1 further comprising a discriminator ~~means for discriminating~~ configured to discriminate a consonant from a vowel in ~~said~~the digital speech signal and ~~adapted~~ to activate ~~said~~the mixer ~~means for mixing said first portions of said digital speech signal and said digital music signal~~ during the detection of ~~said~~the vowel.

9. (Currently Amended) The audio device claimed in claim 1 further comprising a voice activity detector configured to control ~~controlling said~~the ~~means for mixing said first portions of said digital speech signal and said digital music signal~~mixer.

10. (Currently Amended) The audio device claimed in claim 1 further comprising a vocoder ~~for coding~~ configured to code ~~said~~the combined ~~sung~~ digital signal.

11. (Currently Amended) A telecommunication terminal comprising:

~~means for input by the user of said audio device of~~ a receiving unit configured to receive an analog speech signal, a converter ~~for converting~~ configured to convert ~~said~~the analog speech signal into a digital speech signal comprising at least one speech fundamental frequency,

~~means for storing~~ a storage unit configured to store a set of coded data representing a musical score comprising a set of notes, each note being defined by a note fundamental frequency, a duration, and an instrument that plays ~~said~~the note,

~~means for~~ an extracting unit configured to extract a digital music signal from ~~said~~the set of coded data, and

~~means for mixing~~ a mixer configured to combine a first portion of ~~said~~the digital speech signal and a first portion of ~~said~~the digital music signal to produce a combined digital ~~sung~~ signal.

12. (Currently Amended) The telecommunication terminal claimed in claim 11 further comprising ~~means for transmitting~~ a transmitter configured to transmit ~~said~~the combined digital ~~sung~~ signal to another terminal in real time.

13. (Currently Amended) The telecommunication terminal claimed in claim 11 further comprising a digital signal processor comprising ~~said~~the ~~means for mixing said first portions of said digital speech signal and said digital music signal~~ mixer.

14. (Currently Amended) The telecommunication terminal claimed in claim 11 wherein ~~said~~the ~~means for mixing said first portions of said digital speech signal and said digital music signal comprise means for replacing~~ mixer is further configured to replace the fundamental frequency of ~~said~~the speech signal by the fundamental frequency associated with a note of ~~said~~the music signal.

15. (Currently Amended) The telecommunication terminal claimed in claim 14 wherein ~~said~~the fundamental frequency of ~~said~~the speech signal is replaced by ~~said~~the fundamental frequency associated with ~~said~~the note of ~~said~~the music signal during a period substantially equal to the duration of ~~said~~the note.

16. (Currently Amended) The audio device claimed in claim 11 further comprising ~~means for adding~~ a signal summing unit configured to add to ~~said~~the combined digital ~~sung~~ signal a second portion of ~~said~~the digital speech signal.

17. (Currently Amended) The audio device claimed in claim 11 further comprising ~~means for adding~~ a signal summing unit configured to add to ~~said~~the combined digital ~~sung~~ signal a second portion of ~~said~~the digital music signal.

18. (Currently Amended) The telecommunication terminal claimed in claim 11 wherein ~~said~~the ~~means for mixing said first portions of said digital speech signal and said digital music signal comprise means for replacing~~ mixer is further configured to replace at least one harmonic frequency of ~~said~~the fundamental frequency of ~~said~~the speech signal with a harmonic frequency of ~~said~~the fundamental frequency associated with a note of ~~said~~the musical signal.

19. (Currently Amended) The telecommunication terminal claimed in claim 11 further comprising a discriminator ~~means for discriminating~~ configured to discriminate a consonant from a vowel in ~~said~~the digital speech signal and ~~adapted~~ to activate ~~said~~the ~~means for mixing said first portions of said digital speech signal and said digital music signal~~ mixer during the detection of ~~said~~the vowel.

20. (Currently Amended) The telecommunication terminal claimed in claim 11 further comprising a voice activity detector ~~controlling~~ configured to control ~~said~~the ~~means for mixing said first portions of said digital speech signal and said digital music signal~~ mixer.

21. (Currently Amended) The telecommunication terminal claimed in claim 11 further comprising a vocoder ~~for coding said sung signal~~ configured to code the combined digital signal.